EAAC webinar on Advanced Textiles

Dr. Ariadna Detrell,
Cluster Manager at AEI TÈXTILS
Secretary EU-TEXTILE2030

Dr. Bruno Mougin,
Project Manager at TECHTERA
Our aim:
Bringing together all Catalan companies and organizations related to the advanced textile materials’ sector to promote innovation and increase their competitiveness.

Technical textiles or advanced textile materials can be defined as all textile products that cannot be fitted within the traditional sectors of clothing or furnishing, or better yet: all textile products in which functionality is as much or more important than aesthetics.
Main facts:

✓ Created in 2008.

✓ The sector in Catalonia is formed by around 120 manufacturing companies.

✓ In 2019 the cluster had a significant growth: new members, new strategic projects and increase of the staff.

✓ Multidisciplinary team formed by 6 people to cover the members needs.

✓ Strong involvement in international networks and cooperation with clusters in other sectors.

The cluster strategy:

2020 KPIs:

5,3 M€ mobilized

300k€ of funding for SMEs

Close collaboration with 12 EU clusters

Collaboration with 38 countries

10 papers presented at international events

10 events organized
546 M€
R&D budget

22 in the process of emergence

6 ready to hatch

11 labelled

9 financed

4 launched

197 members on the whole value chain

90 companies supported on 20 trade shows and missions abroad

43 business opportunities thanks to our CARTTEX database
FACTORY OF THE FUTURE AND NEW BUSINESS MODELS

- Digitalisation
- Automatisation
- Mass-customisation
- Small-series production

ADVANCED AND HIGH-PERFORMANCE MATERIALS

- Smart textiles
- Textiles & Composites
- Additive Manufacturing
- Functionalisation

CIRCULAR ECONOMY AND RESOURCE EFFICIENCY

- Biobased materials
- Recycling
- Eco-friendly processes
- Micro-particules release detection
ADVANCED TEXTILE MATERIALS ARE NOT ONLY DEDICATED TO FIGHT PANDEMICS...

In 2018, the production of advanced textile materials represented 28% of the total textile production in Europe.
ADVANCED TEXTILE MATERIALS ARE NOT ONLY DEDICATED TO FIGHT PANDEMICS...

Source: L’avion du futur-E-Site

Valve for artificial heart
SUCCESS STORY OF A LONG-TERM INTERCLUSTER TRANSNATIONAL COLLABORATION IN THE ADVANCED TEXTILE MATERIALS SECTOR
The TEXTILE2020 project’s aim is to bring together the main European clusters (UP-tex, AEI TÈXtils, CLUTEK, INNTex, NWTextnet, Po.in.Tex, FOMENTEX and TECHTERA) in 6 countries dedicated to Advanced Textile Materials (ATM) with a view to develop and implement a long-term joint international strategy that contributes to securing, strengthening and extending their competitiveness at the international level.
The starting point

MAIN OUTPUTS OF THE PROJECT

• 4 Missions to selected target countries: Brazil, Tunisia, USA and Japan.
• Signature of MoUs with organizations in the target countries.
• Creation of a database of international contacts.
• Definition of a joint internationalization strategy.
• Agreement on the statutes for the creation of a legal organization.
The starting point

▪ Reinforcement of our identity as a cluster on advanced textile materials.
▪ Increase our knowledge on internationalization activities.
▪ Strengthen the relationship with some of the partners and establish the beginning of a long-term cooperation.
Building EU-TEXTILE2030 EEIG

- Cluster go International (Call 2016, Strand 2)

December’17 – November’19

ISRAEL
SOUTH AFRICA
COLOMBIA
JAPAN/TAIWAN/KOREA
Cluster go International (Call 2016, Strand 2)

INCREASE COMPETITIVENESS THROUGH INTERNATIONALIZATION

- Creation of a Legal Association
- Joint World-Class Cluster Strategy
- Strategy Implementation Roadmap
- Matchmaking and Networking Activities
- Access to International R&D Partners
- Official Trips
- International Exhibitions
- Best Practices
- Cross-Sectoral Interclustering

SUPPORT FOR CLUSTER’S MEMBERS

- Market Studies
- Coaching and Training for SMEs
- Creation of International and Cross-Sectoral Partnerships

EUROPEAN ADVANCED TEXTILE MATERIALS WORLD-CLASS CLUSTER
MAIN OUTPUTS
OF THE PROJECT

5 missions
5 market studies
6 webinars
2 matchmaking events
7 partnership agreements signed with international partners
3 joint booths
172 B2B + B2C + G2C meetings organized
EU-TEXTILE2030 EEIG was officially constituted on 20th November 2019 in Brussels and launched on 21st November in Lyon, during the EU-TEXTILE2030 project Final Event.
Strengthening the competitiveness of European advanced textiles’ companies

- European Economic Interest Grouping based in Brussels
- Network of clusters
- Representing the EU advanced textile materials’ sector
  - 680 SMEs
  - 90 Research organizations
EU-TEXTILE2030 EEIG

Felipe Carrasco, Chairman
Ariadna Detrell, Secretary
Corine Farace, Vice-Chair
Our vision is to increase the competitiveness of European SMEs in the advanced textiles’ materials sector.

Our mission is to gather the European SMEs and other organizations related to the advanced textiles’ materials sector, through clusters, with the development of specific actions and support services, mainly in 3 axes: collaborative projects in the areas of R&D&I, internationalization and fundraising.
EU-TEXTILE2030 EEIG – Activities

- Partner’s search tool
- 6 monthly Newsletter
- Participation at EU project proposals
- Co-organization of events
- Application to be involved in High Level Groups from de EC
- Member of the Board:
  - B2B meetings between member companies
  - Organization of international exploratory missions
  - Sharing of reports
Conclusions/Learnings

The strategic projects in the three main EU support framework for clusters built with EU-TEXTILE2030 partners:

INTERNATIONALIZATION

CLUSTER EXCELLENCE

EMERGING INDUSTRIES & VALUE CHAIN

NETWORKING
Conclusions/Learnings

- Increase of visibility of the sector at international level
- Commitment of partners to work on benefit of the EEIG
- Clusters staff used to work together - used to same working methodologies
- Win to win relationship
- Enabling to work on an intersectorial approach
- A fruitful frame of cooperation even in case of pandemics!
CONTACT

www.eu-textile2030.eu

info@eu-textile2030.eu

40 rue Belliard, Box 2, B-1040 Brussels